

# R66C and R66E Series

## Unprotected and Protected

Outside Plant for  
Business-Critical Continuity™

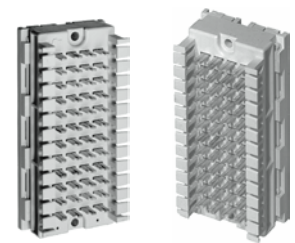
### Key Features

- Common clip configuration allows for termination of up to three extensions for each network cable pair
- Compact size requires minimum mounting space
- Notched fanning strips for ease of wire tracing, identification, and good housekeeping
- Choice of protected or non-protected configuration for flexible deployment applications
- Optional rugged aluminum housings for indoor use provide long life; low maintenance costs
- UL Listed to meet or exceed documented performance levels

*Designed to provide excellent transient protection on residential and commercial telecommunication lines.*

### Description

R66 series quick-clip blocks are designed to easily terminate solid insulated copper wire for distribution to multiple extensions. Terminate unstripped solid 20- to 26-gauge (.4 to .8 mm) conductors using an industry standard 714-type punch-down tool (Emerson R714B). Integral fanning strips are molded on each side of the base, notched every five rows to simplify pair identification.



R66CB16

R66EB112

R66C 6-pair blocks are configured as 4 x 12, with all four clips in each row being common. Network cable is terminated on column A. Up to three pairs can be terminated on columns B through D for distribution. Row connections follow the tip/ring alternating sequence. Available in protected or unprotected configuration.

The R66C312VSR incorporates two 6-pair protected blocks housed in a rugged aluminum housing for added security. These blocks are protected with gas arresters.

The R66EB112 is configured as 2 x 24 clips. For 6-pair applications, the network cable is terminated on column A and customer premise cable is terminated on column D. Close the circuit by installing bridging clips over or jumper wires between columns B and C.

### Application

R66C series blocks are used in equipment rooms or satellite closets with common communications component features. The R66C1 and R66C3 series provide station termination and protection in 6-pair increments. These blocks fill the need for an R66 block smaller than 25-pairs.

Non-connectorized R66E series blocks can be used in equipment rooms or satellites as a straight 12-pair in/out block or 6-pair block for cross-connect applications.



R66C16 VSR/JZ



R66C312VSR



## Dimensions

Catalog Number	Height	Width	Depth
R66CB16	4.25-in. (10.80 cm)	2.00-in. (5.08 cm)	1.25-in. (3.18 cm)
R66C312VSR	7.75" (19.68 cm)	11.25" (28.57 cm)	3.0-in. (7.62 cm)
R66EB112	4.25-in. (10.80 cm)	2.00-in. (5.08 cm)	1.24-in. (3.15 cm)

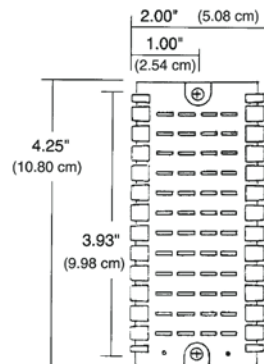
## Ordering Information

Catalog Number	Part Number	Description	Pair Count
R66CB16	F015140	6-pair CB block with 4 common clips, 25 per package, ship weight 14 lb (6.5 kg) (Figure A)	6
R66EB112	F015150	6- or 12-pair E series with 2 common clips, 25 per package, ship weight 8 lb (4 kg) (Figure B)	6 or 12
R66C16VSR	F015109	6-pair block (meets RDUP [formerly RUS] requirements), no housing, 04VSR2/gas arrester (Figure C)	6
R66C16JZ	F000145	6-pair block (meets Telcordia requirements), no housing, 1305VSB/gas arrester (Figure C)	6
R66C312VSR	F015131	12-pair station protector with housing, 1304VSR2/gas arrester, two 6-pair blocks	12
<b>Accessories</b>			
R714B	F008640	Terminating tool, use with all enclosures	

**Note 1:** For brackets, covers, bridging clips, etc. see the Accessories section of this catalog.

## Diagram

R66CB16 and R66EB112 Dimensions



## Clip Configuration

Figure A - R66CB16

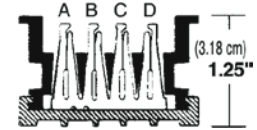
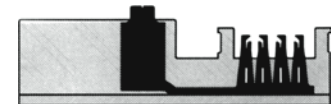


Figure B - R66EB112



Figure C - R66C16VSR and R66C16JZ



### Emerson Network Power.

The global leader in enabling *Business-Critical Continuity™*.

- AC Power
- Connectivity
- DC Power
- Embedded Computing
- Embedded Power
- Industrial Power
- Infrastructure Management & Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Racks & Integrated Cabinets
- Services

*Business-Critical Continuity™*, Emerson Network Power™, the Emerson Network Power logo, Emerson® and Consider it Solved are service marks and trademarks of Emerson Electric co. EnergyMaster™, eSure™, NetPerform™, NetReach™, NetSpan™, NetSure® and NetXtend™ are trademarks of Emerson Network Power Energy Systems North America.

EMERSON. CONSIDER IT SOLVED.